

1340 74865215110713580DETAILED ACTION

1. The instant application having Application No. 10/749,257 has a total of 17 claims pending in the application; there are 3 independent claims and 14 dependent claims, all of which are ready for examination by the examiner.

Continued Examination Under 37 CFR 1.114

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 6/12/2008 has been entered.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with James Nickelson (Reg. No. 46,140) on August 26, 2008.

The application has been amended as follows:

1. (Currently Amended) A method for managing a remote client on a network, the method comprising:

transmitting a request for wake-on-LAN status information to a plurality of clients;

receiving a response from one or more of the clients, the response including an indication of wake-on-LAN functionality status of the client;

updating the status of the wake-on-LAN functionality of the responding clients in a database;

determining one or more clients to be managed from the plurality of clients based on the received statuses of wake-on-LAN functionality by only determining that a particular client should be managed in response to receiving a response from the particular client that the particular client's ~~its~~ wake-on-LAN functionality status is active;

determining one or more clients not to be managed from the plurality of clients by determining that a particular client should not be managed in response to not receiving a response from the particular client that the particular client's ~~its~~ wake-on-LAN functionality is active;

in response to receiving responses from the one or more clients and determining one or more clients to be managed, transmitting a first network packet only to the determined one or more clients to be managed using the network and not to the

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one or more clients determined not to be managed, the first network packet comprising a wake-on-LAN packet; and
receiving, from ~~the~~ each of the determined one or more clients to be managed, a return wake-on-LAN packet, the return wake-on-LAN packet comprising an indication of the address of the client to be managed and an indication of the status of the wake-on-LAN functionality of the client to be managed.

Please leave claims 2-11 unchanged.

12. (Currently Amended) A data processing system for managing a remote client on a network, the system comprising:

a server computer system in communication with at a plurality of client computer systems, the server computer system comprising a processor capable of determining whether the client computer system is active;

wherein the server computer system transmits requests for wake-on-LAN status information to a plurality of clients and receives responses from one or more of the clients that include an indication of wake-on-LAN functionality status of the client;

wherein the server computer system determines one or more clients to be managed from the plurality of clients based on the received statuses of wake-on-LAN functionality by only determining that a particular client should be managed in response to receiving a response from the particular client that the particular client's ~~its~~ wake-on-LAN functionality status is active and by determining that a particular client should not

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be managed in response to not receiving a response from the particular client that the particular client's ~~its~~ wake-on-LAN functionality is active;

wherein the server computer system ~~is capable of transmitting~~ transmits a first network packet only to ~~client computer systems associated with each of the~~ clients determined to be managed, the first network packet comprising a wake-on-LAN packet;

wherein the server computer system ~~is capable of receiving~~ receives a return wake-on-LAN packet from ~~client computer systems each of the clients determined to be~~ managed, the return wake-on-LAN packet comprising an indication of the address of the client and an indication of the status of the wake-on-LAN functionality of the client; and

a database, the database comprising an indication of one or more clients and the status of their wake-on-LAN functionality.

Please leave claims 13-14 unchanged.

15. (Currently Amended) A computer storage medium containing instructions effective, when executing in a data processing system, to cause said data processing system to perform operations comprising:

transmitting a request for wake-on-LAN status information to a plurality of clients;
receiving a response from one or more of the clients, the response including an

indication of wake-on-LAN functionality status of the client;

updating the status of the wake-on-LAN functionality of the responding clients in a database;

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determining one or more clients to be managed from the plurality of clients based on the received statuses of wake-on-LAN functionality by only determining that a particular client should be managed in response to receiving a response from the particular client that the particular client's ~~its~~ wake-on-LAN functionality status is active;

determining one or more clients not to be managed from the plurality of clients by determining that a particular client should not be managed in response to not receiving a response from the particular client that the particular client's ~~its~~ wake-on-LAN functionality is active;

in response to receiving responses from the one or more clients and determining one or more clients to be managed, transmitting a first network packet only to the determined one or more clients to be managed using the network and not to the one or more clients determined not to be managed, the first network packet comprising a wake-on-LAN packet; and

receiving, from ~~the~~ each of the determined one or more clients to be managed, a return wake-on-LAN packet, the return wake-on-LAN packet comprising an indication of the address of the client to be managed and an indication of the status of the wake-on-LAN functionality of the client to be managed.

Please leave claims 16-17 unchanged.

18-24. (Canceled)

REASONS FOR ALLOWANCE

4. The following is an examiner's statement of reasons for allowance:

The prior art does not disclose or suggest providing a server that requests wake-on-LAN status information from a plurality of clients, transmits a wake-on-LAN packet **ONLY** to the clients that respond indicating that wake-on-LAN is active (the clients to be managed), and receives a return **wake-on-LAN** packet from each of the clients to be managed containing the **address of the sending client** and **an indication of the status of the wake-on-LAN functionality** of the sending client.

Further, Examiner notes that wake-on-LAN packets constitute a specific structure and format. Although the prior art may disclose or suggest a return packet from a client, the prior art does not disclose or suggest a "return **wake-on-LAN** packet" from a client. Accordingly, Examiner notes that the words "wake-on-LAN" explicitly limit the scope of the invention.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to WILLOW NOONAN whose telephone number is

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(571)270-1322. The examiner can normally be reached on Monday through Friday, 7:30 AM-5:00 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey Pwu can be reached on (571) 272-6798. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/W. N./

Examiner, Art Unit 2146

/Jeffrey Pwu/

Supervisory Patent Examiner, Art Unit 2146